NO.NC/QC/YD/2020-21/AL/W3

Date: 14-06-2021

To,
The Executive Engineer,
Yelahanka Division
Bangalore.

## "PMC CERTIFICATE AND INSPECTION REPORT"

Dear Sir,

Subject: Regarding Inspection Report for the below mentioned work.

Name of work: Improvements to roads and drains at Ambabhavani Layout (Part-1)In Ward No.03

| Item No | Description of work | Unit | Qty | Remarks |
|---|---|---|---|---|
| 1 | Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after | Cum | 986.15 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| 2 | Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in | Cum | 63.35 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| 3 | Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine | Cum | 138.19 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| 4 | Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire | Tonne | 9.04 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| 5 | Providing and fixing Precast RCC cover slabs of 100 mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement and pointing for joints 1:3 cement | Sqm | 342.99 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| 6 | Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per | Sqm | 2256.00 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| 7 | Providing, laying, spreading and compacting cushed stone aggregates of granite / trap I basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant | Cum | 451.20 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| 8 | Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg I sqm using mechanical | Sqm | 2256.00 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| | Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying | Cum | 112.80 | Work done upto the Billed Quantity and the Quality is Satisfactory |

| Item No | Description of work | Unit | Qty | Remarks |
|---|---|---|---|---|
| 10 | Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, | Sqm | 2256.00 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| 11 | Providing and applying tack coat using 80/100 grade bitumen(VGIO) on the prepared black topped surfaces at 2.5 kg per 10sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road | Sqm | 2256.00 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| 12 | Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, | Cum | 90.24 | Work done upto the Billed Quantity and the Quality is Satisfactory |

With respect to the above subject & name of the work, we have inspected the work and the Quantity and Quality of above mentioned items of the work was found to be completed satisfactorily for the 1st and Final bill

Thanking you,

With Regards,

NEWZEN CONSULTANTS * Bangalore *

For Newzen Consultants Bangalore

NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NO.NC/QC/YD/2020-21/AL/W3 Date: 14-06-2021

To,
The Executive Engineer,
Yelahanka Division
Bangalore.

## "FREQUENCY AND QUALITY REPORT"

Dear Sir,

Subject: Regarding Quality Report for the below mentioned work.

Name of work: Improvements to roads and drains at Ambabhavani Layout (Part-1)In Ward No.03

| Item No | Description of work | Unit | Qty | No of Samples Tested | Frequency | Results Standards |
|---|---|---|---|---|---|---|
| 1 | Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded | Cum | 63.35 | 1 | Per 100 cum | Meets Morth V Revision Standards |
| 2 | Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. | Cum | 138.19 | 6 | Per 50 cum | Meets Morth V Revision Standards |
| 3 | Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in | Ton | 9.04 | 2 | Per Each Dia | Meets Morth V Revision Standards |
| 4 | Providing, laying, spreading and compacting cushed stone aggregates of granite / trap I basalt to wet mix macadam | Cum | 451.20 | 3 | Per 200 cum | Meets Morth V Revision Standards |
| 5 | Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed | Cum | 112.80 | 3 | Per 50 cum | Meets Morth V Revision Standards |
| 6 | Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, | Cum | 90.24 | 2 | Per 50 cum | Meets Morth V Revision Standards |

With respect to the above subject & name of the work, we have Inspected the work and the Quantity and Quality of above mentioned items of the work was found to be completed satisfactorily for the 1st and Final bill. The all the samples satisfies the standards requirements as per MORTH V Revision 2013.

Thanking you,

With Regards,

For Newzen Consultants Bangalore

NEWZEN CONSULTANTS * Bangalore

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